Amendments to the Claims

The following listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1- 16 (canceled).

Claim 17 (currently amended) A method of washing an impression cylinder in a sheet-fed offset two-sided printing press, comprising the steps of:

providing an impression cylinder having a low surface-energy coating, such that said impression cylinder is resistant to the transfer of ink;

providing a blanket cylinder, capable of engaging said impression cylinder;

providing a washing unit capable of providing washing fluid, and capable of engaging said blanket cylinder;

providing a plate cylinder, capable of engaging said blanket cylinder;

transferring washing fluid from said washing unit to said impression cylinder ~~jacket~~ via said blanket cylinder, said step of transferring comprising engaging, while rotating, said blanket cylinder with said impression cylinder ~~jacket~~, with said plate cylinder and with said washing unit, thereby washing said impression cylinder ~~jacket~~;

removing washing fluid from said plate cylinder, said step of removing comprising:

disengaging said blanket cylinder from said impression cylinder ~~jacket~~, said plate cylinder and said washing unit;

providing a water roller capable of contacting said plate cylinder;

providing an ink roller capable of contacting said plate cylinder; and

contacting, while rotating, said plate cylinder with said water roller and with said ink roller, such that said washing fluid is removed from said plate cylinder.

Claim 18 (currently amended): The ~~claim~~ method recited in claim 17 wherein said step of providing an impression cylinder having a low surface-energy coating further comprises attaching an impression cylinder jacket to ~~an~~ said impression cylinder, said impression cylinder ~~jacked~~ jacket comprising a flexible metal plate, a convex-concave profiled base layer formed on said flexible metal plate and low surface energy coating on said base layer.

Claim 19 (currently amended): The ~~claim~~ <u>method</u> recited in claim 17 further comprising the step of engaging said blanket cylinder with said washing unit prior to said step of transferring said washing fluid.

Claim 20 (currently amended): The ~~claim~~ <u>method</u> recited in claim 17 further comprising the step of engaging said ink roller with said plate roller prior to ~~engaging said water roller to said plate roller~~ <u>said contacting said plate cylinder with said water roller.</u>

Claim 21 (currently amended): An apparatus for washing an impression cylinder in a sheet-fed offset two-sided printing press, comprising:

an impression cylinder having a low surface-energy coating, such that said impression cylinder is resistant to the transfer of ink;

a blanket cylinder, capable of engaging said impression cylinder;

a plate cylinder, capable of engaging said blanket cylinder;

a cylinder engagement mechanism capable of engaging, while rotating, said blanket cylinder with said impression cylinder jacket, with said plate cylinder;

a washing unit capable of providing washing fluid, and capable of engaging said blanket cylinder, such that washing fluid is transferred from said washing unit to said impression cylinder ~~jacket~~ via said blanket cylinder when said cylinders are engaged and rotated, thereby indirectly washing said impression cylinder ~~jacket~~; and

a water roller capable of contacting said plate cylinder and an ink roller capable of contacting said plate cylinder, such that when said water roller and said ink roller are contacted with said plate cylinder, and said plate cylinder is disengaged from said blanket cylinder, and rotated, said washing fluid is removed from said plate cylinder.

Claim 22 (new): The apparatus recited in claim 21 further comprising an impression cylinder jacket attachably connected to said impression cylinder, said impression cylinder jacket comprising a flexible metal plate, a convex-concave profiled base layer formed on said flexible metal plate and low surface energy coating on said base layer.

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